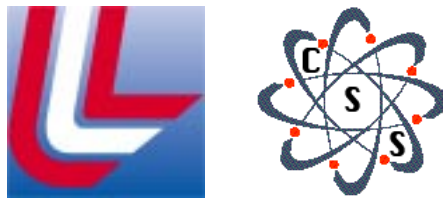

U.S. DOE NCSP Web Site



**Presented at the
NCSP Review Meeting
Held in Las Vegas, March 24-26, 2004**

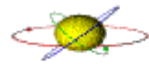
Song T Huang
Criticality Safety Section
Lawrence Livermore National Laboratory



Cascade menu



- Simplified navigation button menu
 - Collapsed sixteen buttons to six buttons
- Pop-out menu on demand
 - Mouse-over pull down menu
- Cascade menu
- Provided a easier way of accessing the web site contents
- Enhanced user friendliness in surfing the NCSP web site
- Mouse-over pull down menu for quick access to intended page on the web site



U. S. DOE
Nuclear Criticality Safety Program

Home Page

NCS Information

Bibliography

Computer Codes

High-Level Links

Training

Website Mission

DOE NCSP Plan

DOE CS Group


Registration

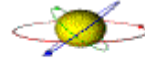
Web Pages Archive

Message Board

Contact US

The new design of this web site is the result of cooperation and hard work from many individuals working together under the guidance of the NCSP management. This cascade menu design will provide a easier way of accessing the web site contents. Each button in the menu bar has a pop-out menu on demand via a mouse-over pull down menu for quick access to intended page on the web site. This will enhance user friendliness in surfing the NCSP website. In addition to the new menu design, the Hanford NCTSP database, released on February 20, 2004, have also been updated.

-  [The Status of the Department of Energy Nuclear Criticality Safety Program for Calendar Year 2003 is now available. Please click here to download a copy.](#)
- [DOE Nuclear Criticality Safety Program Five-Year Plan is now available. Please click here to download a copy.](#)
- [The viewgraph slides from November 2003 ANS/NCSP winter meeting in New Orleans, LA is now available. Please click here to download a copy.](#)
- [Defense Nuclear Facilities Safety Board letter on DOE Nuclear Safety Program dated August 7, 2003 is now available. Please click here to download a copy.](#)



U. S. DOE
Nuclear Criticality Safety Program

Home Page

NCS Information

Bibliography

Computer Codes

High-Level Links

Training

Website Mission

DOE NCSP Plan

DOE CS Group

Registration

Web Pages Archive


Message Board

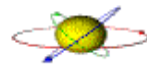
Contact US

DOE NCSP Five-Year Plan

DOE NCSP Executive Summary

The design of this web site is the result of cooperation and hard work from many individuals working together under the guidance of the NCSP management. This cascade menu design will provide a easier way of accessing the web site contents. Each button in the menu bar has a pop-out menu on demand via a mouse-over pull down menu for quick access to intended page on the web site. This will enhance user friendliness in surfing the NCSP website. In addition to the new menu design, the Hanford NCTSP database, released on February 20, 2004, have also been updated.

-  The Status of the Department of Energy Nuclear Criticality Safety Program for Calendar Year 2003 is now available. Please click here to download a copy.
- [DOE Nuclear Criticality Safety Program Five-Year Plan is now available. Please click here to download a copy.](#)
- [The viewgraph slides from November 2003 ANS/NCSP winter meeting in New Orleans, LA is now available. Please click here to download a copy.](#)
- [Defense Nuclear Facilities Safety Board letter on DOE Nuclear Safety Program dated August 7, 2003 is now available. Please click here to download a copy.](#)



Home Page

NCS Information

Bibliography

Computer Codes

High-Level Links

Training

Website Mission

DOE NCSP Plan

DOE CS Group

Registration

Web Pages Archive

Message Board

Contact US


NCSP CS Coordinator

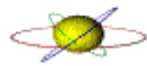
NCSP CSCT Database

NCSP CSSG

NCSP EndUsers

...ult of cooperation and hard work from
P management. This cascade menu
design will provide a easier way of accessing the web site contents. Each button in the
menu bar has a pop-out menu on demand via a mouse-over pull down menu for quick
access to intended page on the web site. This will enhance user friendliness in surfing the
NCSP website. In addition to the new menu design, the Hanford NCTSP database, released
on February 20, 2004, have also been updated.

-  The Status of the Department of Energy Nuclear Criticality Safety Program for Calendar Year 2003 is now available. Please click here to download a copy.
- [DOE Nuclear Criticality Safety Program Five-Year Plan is now available. Please click here to download a copy.](#)
- [The viewgraph slides from November 2003 ANS/NCSP winter meeting in New Orleans, LA is now available. Please click here to download a copy.](#)
- [Defense Nuclear Facilities Safety Board letter on DOE Nuclear Safety Program dated August 7, 2003 is now available. Please click here to download a copy.](#)



U. S. DOE
Nuclear Criticality Safety Program

Home Page

NCS Information

Bibliography

Computer Codes

High-Level Links

Training

NCS Basic References

DOE Order and Standard


ANS/ANSI Standard

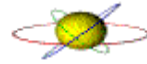
NRC Guide

CFRS

DNFSB Action

The NCS community under the guidance of the NCSP management. This cascade menu design will provide a easier way of accessing the web site contents. Each button in the menu bar has a pop-out menu on demand via a mouse-over pull down menu for quick access to intended page on the web site. This will enhance user friendliness in surfing the NCSP website. In addition to the new menu design, the Hanford NCTSP database, released on February 20, 2004, have also been updated.


-  [The Status of the Department of Energy Nuclear Criticality Safety Program for Calendar Year 2003 is now available. Please click here to download a copy.](#)
- [DOE Nuclear Criticality Safety Program Five-Year Plan is now available. Please click here to download a copy.](#)
- [The viewgraph slides from November 2003 ANS/NCSP winter meeting in New Orleans, LA is now available. Please click here to download a copy.](#)
- [Defense Nuclear Facilities Safety Board letter on DOE Nuclear Safety Program dated August 7, 2003 is now available. Please click here to download a copy.](#)

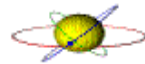


U. S. DOE
Nuclear Criticality Safety Program


[Home Page](#)[NCS Information](#)[Bibliography](#)[Computer Codes](#)[High-Level Links](#)[Training](#)[LLNL Database](#)[Hanford Database](#)[INEL Benchmark](#)

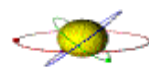
The cascade menu design of this web site is the result of cooperation and hard work from the NCS community under the guidance of the NCSP management. This cascade menu design will provide a easier way of accessing the web site contents. Each button in the menu bar has a pop-out menu on demand via a mouse-over pull down menu for quick access to intended page on the web site. This will enhance user friendliness in surfing the NCSP website. In addition to the new menu design, the Hanford NCTSP database, released on February 20, 2004, have also been updated.

-  [The Status of the Department of Energy Nuclear Criticality Safety Program for Calendar Year 2003 is now available. Please click here to download a copy.](#)
- [DOE Nuclear Criticality Safety Program Five-Year Plan is now available. Please click here to download a copy.](#)
- [The viewgraph slides from November 2003 ANS/NCSP winter meeting in New Orleans, LA is now available. Please click here to download a copy.](#)
- [Defense Nuclear Facilities Safety Board letter on DOE Nuclear Safety Program dated August 7, 2003 is now available. Please click here to download a copy.](#)

[Home Page](#)[NCS Information](#)[Bibliography](#)[Computer Codes](#)[High-Level Links](#)[Training](#)[COG](#)[RSICC](#)[ESTSC](#)[MCNP4XS](#)[Scale](#)[VIM](#)[National Data Center](#)

The cascade menu design of this web site is a result of the vision and hard work from the NCS community under the guidance of the NCS Program Manager. This cascade menu design will provide a easier way of accessing the web site contents. Each button in the menu bar has a pop-out menu on demand via a mouse-over pull down menu for quick access to intended page on the web site. This will enhance user friendliness in surfing the NCS website. In addition to the new menu design, the Hanford NCTSP database, released on February 20, 2004, have also been updated.

-  [The Status of the Department of Energy Nuclear Criticality Safety Program for Calendar Year 2003 is now available. Please click here to download a copy.](#)
- [DOE Nuclear Criticality Safety Program Five-Year Plan is now available. Please click here to download a copy.](#)
- [The viewgraph slides from November 2003 ANS/NCSP winter meeting in New Orleans, LA is now available. Please click here to download a copy.](#)
- [Defense Nuclear Facilities Safety Board letter on DOE Nuclear Safety Program dated August 7, 2003 is now available. Please click here to download a copy.](#)



U. S. DOE
Nuclear Criticality Safety Program

Home Page

NCS Information

Bibliography

Computer Codes


High-Level Links

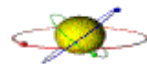
Training

Other DOE Internet Web Sites


Other Internet resources

The cascade menu design of this web site is the result of cooperation and hard work from the NCS community under the guidance of the NCSP management. This cascade menu design will provide a easier way of accessing the web site contents. Each button in the menu bar has a pop-out menu on demand via a mouse-over pull down menu for quick access to intended page on the web site. This will enhance user friendliness in surfing the NCSP website. In addition to the new menu design, the Hanford NCTSP database, released on February 20, 2004, have also been updated.

-  [The Status of the Department of Energy Nuclear Criticality Safety Program for Calendar Year 2003 is now available. Please click here to download a copy.](#)
- [DOE Nuclear Criticality Safety Program Five-Year Plan is now available. Please click here to download a copy.](#)
- [The viewgraph slides from November 2003 ANS/NCSP winter meeting in New Orleans, LA is now available. Please click here to download a copy.](#)
- [Defense Nuclear Facilities Safety Board letter on DOE Nuclear Safety Program dated August 7, 2003 is now available. Please click here to download a copy.](#)

[Home Page](#)[NCS Information](#)[Bibliography](#)[Computer Codes](#)[High-Level Links](#)[Training](#)[NCSET](#)[Training and Conferences](#)

The cascade menu design of this web site is the result of cooperation and hard work from the NCS community under the guidance of the NCSP management. This cascade menu design will provide a easier way of accessing the web site contents. Each button in the menu bar has a pop-out menu on demand via a mouse-over pull down menu for quick access to intended page on the web site. This will enhance user friendliness in surfing the NCSP website. In addition to the new menu design, the Hanford NCTSP database, released on February 20, 2004, have also been updated.

-  [The Status of the Department of Energy Nuclear Criticality Safety Program for Calendar Year 2003 is now available. Please click here to download a copy.](#)
- [DOE Nuclear Criticality Safety Program Five-Year Plan is now available. Please click here to download a copy.](#)
- [The viewgraph slides from November 2003 ANS/NCSP winter meeting in New Orleans, LA is now available. Please click here to download a copy.](#)
- [Defense Nuclear Facilities Safety Board letter on DOE Nuclear Safety Program dated August 7, 2003 is now available. Please click here to download a copy.](#)



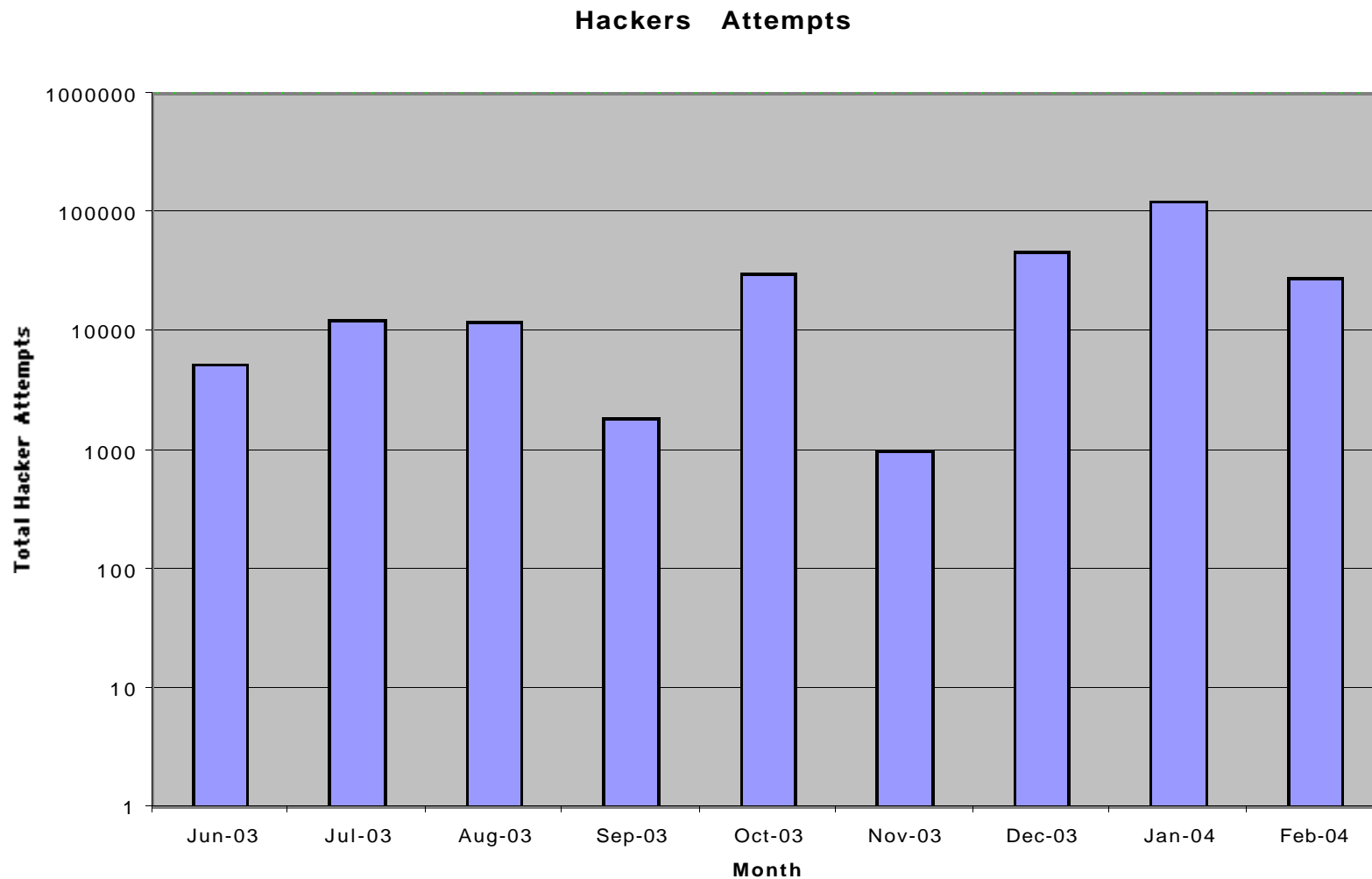
Thwart thousand virus/ worm attacks



- By taking advantage of LLNL institutional cyber security protection infrastructure
 - Constantly monitoring the Internet for hackers
 - Active IP addresses monitoring to prevent denial service attacks
 - Multi-layers of firewalls
 - Multiple email gateways constantly scanning incoming and outgoing emails for virus/worm
 - Frequently perform risk assessment of computer systems including NCSP web server
- Hardening NCSP web server operating system
 - Constantly update OS patches
 - Upgrade web server to apache v1.3.29



Hackers attempts





CSCT Infraction Reporting Database



- CSCT Infraction Reporting database is the result of cooperation and hard work from the CSCT members.
- Released the first CSCT Infraction Reporting database with sample data and trending analysis on December 15, 2003.
- Consolidated CSCT Infraction data for the month of January 2004 from each DOE site office.
- Performed trending analysis on January 2004 CSCT Infraction data.
- Released the result CSCT Infraction database with trending analysis to CSCT members on NCSP web site February 19, 2004.



Hanford NCTSP Database



- **Converted 4341 entries of Hanford NCTSP FileMaker Pro database into searchable web pages.**
- **Created direct links from OSTI ID to OSTI web site's actual document**
- **Modified each web page with embedded JavaScript to enable cascade menu.**
- **Re-indexed 4341 web pages of Hanford NCTSP FileMaker Pro database for NCSP web site search engine.**



Tasks That Work Well



- Search engines
 - LLNL Bibliography search engine
 - Hanford NCTSP search engine
- Training modules
 - 2022 total downloads for the last nine months
- Update databases
 - LLNL Bibliography MS Excel database
 - Hanford NCTSP FileMaker Pro database



Tasks That Will Be Improved



- Cascade menu design
 - Ease of use
 - User friendliness
 - April 1, 2004 release date
- Update databases
 - LLNL Bibliography MS Excel database
 - Hanford NCTSP FileMaker Pro database
- Update web site information
 - Request input from other tasks managers
 - Assign a NCS person to validate web site content



Questions or Suggestions?



Chuck K. Lee

DOE NCSP Website Webmaster

Phone: 925-422-0482

FAX: 925-423-3116

Email: lee12@llnl.gov